

# HISTORIC PROPERTY INVENTORY FORM

## IDENTIFICATION SECTION

Field Site No. 1314-N OAHP No.            Date Recorded 14-Feb-95  
Site Name Historic Liquid Waste Loadout Building, Helium Unloading Station  
Common             
Field Recorder Kristine M. Bowen, Evaluator: Darby Stapp  
Owner's Name U.S. Department of Energy, Richland Operations Office  
Address P.O. Box 550  
City/State/Zip Code Richland, WA 99352

### Status

- ☒ Survey/Inventory  
☐ National Register  
☐ State Register  
☐ Determined Eligible  
☐ Determined Not Eligible  
☐ Other (HABS, HAER, NHL)  
☐ Local Designation

### Photography

Photography Neg. No. Roll 11, Frame 13  
(Roll No. & Frame No.)  
View of Southwest Corner  
Date 1994

Classification ☐ District ☐ Site ☒ Building ☐ Structure ☐ Object  
District Status ☒ NR ☐ SR ☐ LR ☐ INV  
Contributing ☒ Non-Contributing ☐  
District/Thematic Nomination Name Hanford Site Manhattan Project and Cold War Era Historic District

## Description Section

### Materials & Features/Structural Types

Building Type Industrial  
Plan Rectangular  
Structural System Steel Frame  
No. of Stories 1

### Roof Type

☒ Gable ☐ Hip  
☐ Flat ☐ Pyramidal  
☐ Monitor ☐ Other (specify)             
☐ Gambrel  
☐ Shed

### Cladding (exterior Wall Surfaces)

- ☐ Log  
☐ Horizontal Wood Siding  
    Rustic/Drop ☐  
    Clapboard ☐  
☐ Wood Shingle  
☐ Board and Batten  
☐ Vertical Board  
☐ Asbestos/Asphalt  
☐ Brick  
☐ Stone  
☐ Stucco  
☐ Terra Cotta  
☐ Concrete/Concrete Block  
☐ Vinyl/Aluminum Siding  
☒ Metal (specify) Corrugated  
☐ Other (specify)

### Roof Material

☐ Wood Shingle  
☐ Wood Shake  
☐ Composition  
☐ Slate  
☐ Tar/Built-up  
☐ Tile  
☒ Metal (specify Corrugated)  
☐ Other (specify)             
☐ Not visible

### Foundation

☐ Log ☐ Concrete  
☐ Post & Pier ☐ Block  
☐ Stone ☒ Poured  
☐ Brick ☐ Other (specify)             
☐ Not visible

### Integrity

(Include detailed description in

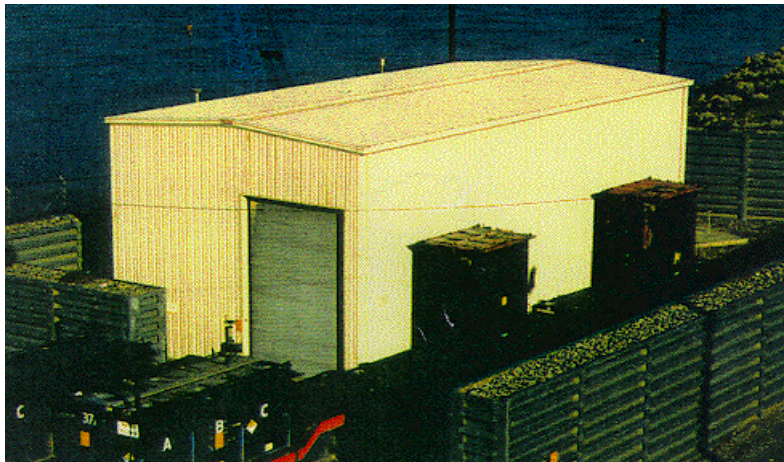
### Description of Physical Appearance)

	Intact	Slight	Moderate	Extensive
Changes to plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to windows	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to original cladding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify) <u>          </u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

State of Washington, Department of Community Development  
Office of Archaeology and Historic Preservation  
111 21st Avenue Southwest, Post Office Box 48343  
Olympia, Washington 98504-8343 (206)753-4011

## LOCATION SECTION

Address 100-N Reactor Area, Building 1314-N  
City/Town/County/Zip Code Richland, WA/Benton County/99352  
Twp. 14N Range 26E Section 28 1/4 Section NE 1/4 1/4 Sec SW  
Tax No./Parcel No.            Acreage             
Quadrangle or map name Coyote Rapids 7.5 min. series  
UTM References Zone 11 Easting 303974 NE Northing 5172485  
Plat/Block/Lot             
Supplemental Map(s) 100-N Area Buildings



### High Styles/Forms (Check one or more of the following)

- |                                                   |                                                                       |
|---------------------------------------------------|-----------------------------------------------------------------------|
| <input type="checkbox"/> Greek Revival            | <input type="checkbox"/> Spanish Colonial Revival/Mediterranean       |
| <input type="checkbox"/> Gothic Revival           | <input type="checkbox"/> Tudor Revival                                |
| <input type="checkbox"/> Italianate               | <input type="checkbox"/> Craftsman/Arts & Crafts                      |
| <input type="checkbox"/> Second Empire            | <input type="checkbox"/> Bungalow                                     |
| <input type="checkbox"/> Romanesque Revival       | <input type="checkbox"/> Prairie Style                                |
| <input type="checkbox"/> Stick Style              | <input type="checkbox"/> Art Deco/Art Moderne                         |
| <input type="checkbox"/> Queen Anne               | <input type="checkbox"/> Rustic Style                                 |
| <input type="checkbox"/> Shingle Style            | <input type="checkbox"/> International Style                          |
| <input type="checkbox"/> Colonial Revival         | <input type="checkbox"/> Northwest Style                              |
| <input type="checkbox"/> Beaux Arts/Neoclassical  | <input type="checkbox"/> Commercial Vernacular                        |
| <input type="checkbox"/> Chicago/Commercial Style | <input type="checkbox"/> Residential Vernacular (see below)           |
| <input type="checkbox"/> American Foursquare      | <input checked="" type="checkbox"/> Other (specify) <u>          </u> |
| <input type="checkbox"/> Mission Revival          | <input type="checkbox"/> Industrial Vernacular                        |

### Vernacular House Types

- |                                               |                                                            |
|-----------------------------------------------|------------------------------------------------------------|
| <input type="checkbox"/> Gable Front          | <input type="checkbox"/> Cross Gable                       |
| <input type="checkbox"/> Gable Front and Wing | <input type="checkbox"/> Pyramidal/Hipped                  |
| <input type="checkbox"/> Side Gable           | <input type="checkbox"/> Other (specify) <u>          </u> |

## NARRATIVE SECTION

### Study Unit Themes (check one or more of the following)

☐ Agriculture  
☐ Architecture/Landscape Architecture  
☐ Arts  
☐ Commerce  
☐ Communications  
☐ Community Planning/Development

☐ Conservation  
☐ Education  
☐ Entertainment/Recreation  
☐ Ethnic Heritage (specify) \_\_\_\_\_  
☐ Health/Medicine  
☐ Manufacturing/Industry  
☐ Military

☐ Politics/Government/Law  
☐ Religion  
☐ Science & Engineering  
☐ Social Movements/Organizations  
☐ Transportation  
☒ Other (specify) Manhattan Project & Cold War Era  
☒ **Study Unit Sub-Theme(s) (specify)**  
Cold War/Nuclear Fuel Production  
Waste Treatment (Liquid)

### Statement of Significance

Date of Construction 1978 Architect/Engineer/Builder United Nuclear

☒ In the opinion of the surveyor, this property appears to meet the criteria of the National Register of Historic Places.

☒ In the opinion of the surveyor, this property is located in a potential historic district (National and/or local).

The 1314-N Liquid Waste Loadout Building was used to store and load-out liquid waste tank cars at the 100-N Area. Wastes were transported by rail to the 200 Area where it was stored in tanks for future disposition. The 1314-N Building served a secondary role in the waste management system at the 100- N Area. The property is not associated with an important person (Criterion B), does not possess any distinctive architectural features or methods of construction (Criterion C), and does not qualify under Criterion D as the principal source of information. However, the 1314-N structure qualifies under Criterion A due to its association with the Cold War production of plutonium at N Reactor, and its contribution to Reactor Operations, specifically, the waste treatment (liquid) system. Therefore, it is the conclusion of the U.S. Department of Energy that the 1314-N structure is eligible under Criterion A for inclusion on the National Register of Historic Places as a contributing property within the Hanford Site Manhattan Project and Cold War Era Historic District.

### Description of Physical Appearance

The 1314-N Building is a pre-engineered, rectangular, one-story, steel framed building with a reinforced poured concrete foundation, corrugated metal exterior wall, and gable roof surfaces. It is presently not operational. It measures approximately 62 ft by 33 ft (19 m by 10 m); 2,046 ft<sup>2</sup> (190 m<sup>2</sup>). No significant changes have been made.

The N Reactor UTM coordinates are as follows: Northeast corner - 303974E, 5172485N; southeast corner - 303974E, 5171639N; southwest corner - 303069E, 5171639N; northwest corner - 303069E, 5172485N.

### Major Bibliographic References

Bechtel Hanford, Inc. 1994. *"Pre-Existing" Conditions Survey of Hanford Site Facilities to be Managed by Bechtel Hanford, Inc.* BHI-00221, Rev. 00, Phase II.

Structural Loadout Building Plan Sections & Details, Drawing No. H-1-41120, 1979.